

**TRANSMITTAL OF UTILITY  
APPLICATION IN ACCORDANCE WITH  
35 USC 111(a)**

Our Docket No.: 6970.02

First Named Inventor: Jeffrey K. Drogue

Title: **FLUID AND BIOAEROSOL MANAGEMENT**

Express Mail No.: EV 324256661 US

**ADDRESS TO:**

**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

17858 U.S. PTO  
10/628588  
07/28/03

**APPLICATION ELEMENTS**

1. ☒ Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification Total Pages: 20
  - ☒ Descriptive title of the invention
  - ☐ Cross Reference to Related Applications
  - ☐ Statement Re: Fed. Sponsored R&D
  - ☐ Reference to Microfiche Appendix
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings
  - ☒ Detailed Description
  - ☒ Claims
  - ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 3
5. ☐ Oath or Declaration Total Pages:
  - a. ☐ Newly Executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 19 completed)
    - i. ☐ **DELECTION OF INVENTORS**  
Signed statement attached deleting inventor(s)  
named in the prior application (37 C.F.R.  
1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37 C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate,  
large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☒ Copies of Power of Attorney from priority PCT application
13. ☒ Information Disclosure Statement  
(with Copies of Citations as necessary)
14. ☒ Preliminary Amendment Total Pages: 3
15. ☒ Certified Copy of Priority document(s)  
(if foreign priority is claimed)
16. ☐ English Translation Document (if applicable)
17. ☒ Return Receipt Postcard  
(Should be specifically itemized)
18. ☒ Other
  - ☒ Check No. 961268 for \$375.00
  - ☒ Copy of Statement Regarding Lack of the Signature  
filed in priority international application. Total Pages:2

**CONTINUATION APPLICATIONS**

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

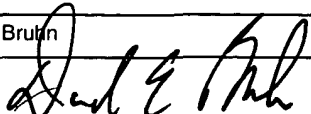
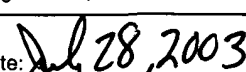
- ☒ Continuation
- ☐ Division
- ☐ Continuation-in-Part (CIP)

**of PRIOR APPLICATION**

International Application Serial No. PCT/US02/02493, filed  
January 28, 2002; which claims priority from U.S. Provisional  
Application Serial No. 60/264,871, filed January 29, 2001.

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire  
disclosure of the prior application, from which a copy of the oath or  
declaration is supplied under Box 5b, is considered as being part of the  
disclosure of the accompanying application and is hereby incorporated  
by reference.

**CORRESPONDENCE ADDRESS**

ADDRESS	CUSTOMER NUMBER  *25763* 25763 PATENT TRADEMARK OFFICE	DORSEY & WHITNEY LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498	
TELEPHONE	612-340-6317	FAX	612-340-8856
Attorney Name: David E. Brulin		Reg. No. 36,762	
Signature: 		Date: 	

07/28/03  
17698 S. PTO

# APPLICATION FEE TRANSMITTAL SHEET (FY 2003)

## Complete if Known

Application No.	Not Yet Known
Filing Date	Herewith
First Named Inventor	Jeffrey K. Drogue
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Atty. Docket Number	6970.02

## METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account No.: 04-1420

Deposit Account Name: DORSEY & WHITNEY LLP

☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17

☒ Applicant claims small entity status (see 37 C.F.R. 1.27)

2. ☒ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description
160	80	<input type="checkbox"/> Provisional Filing Fee
750	375	<input checked="" type="checkbox"/> Utility Filing Fee
330	165	<input type="checkbox"/> Design Filing Fee
750	375	<input type="checkbox"/> Reissue Filing Fee

Subtotal (1) \$375.00

### 2. EXTRA\* CLAIM FEES

	Number Claims	Prior	Extra	Fee from Below*	Fee Paid
Total	20	-	20	= 0 x \$9.00	= 0
Indep.	3	-	3	= 0 x \$42.00	= 0
Multiple Dependent Claims				= x	=

Subtotal (2) 0

### \*Calculation of Extra Claim Fees

Large Entity Fee	Small Entity Fee	Fee Description
18	9	Claims in excess of 20
84	42	Independent claims in excess of 3
280	140	Multiple dependent Claim
84	42	Reissue independent claims over original patent
18	9	Reissue claims in excess of 20 and over original patent

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge - Late nonprovisional filing fee or oath	
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	
110	55	Extension for reply within first month	
410	205	Extension for reply within second month	
930	465	Extension for reply within third month	
1,450	725	Extension for reply within fourth month	
1,970	985	Extension for reply within fifth month	
750	375	Submission After Final 1.129	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
1,300	650	Utility/Reissue Issue Fee (including advance copies)	
470	235	Design Issue Fee (inc. advance copies)	
750	375	Request for Continued Examination (RCE)	
300	300	Publication fee for early, voluntary, or normal publication	
300	300	Publication fee for re-publication	
110	55	Petition to Revive - unavoidable	
1,300	650	Petition to Revive - unintentional	

OTHER FEE (specify):

Subtotal (3)

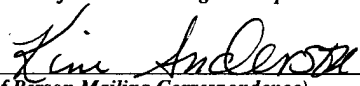
0

Total Amount of Payment:

\$375.00

## Submitted by:

Name: David E. Bruhn	Reg. No.: 36,762	Telephone: (612) 340-6317
DORSEY & WHITNEY LLP	50 South Sixth Street, Suite 1500 Minneapolis, MN 55402	Customer Number 25763
Signature: <i>David E. Bruhn</i>	Date: <i>July 28, 2003</i>	

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): Dr. Leonard L. Schultz			Docket No. 6970.02
Serial No. Not Yet Known	Filing Date Herewith	Examiner Not Yet Known	Group Art Unit Not Yet Known
Invention: FLUID AND BIOEAROSOL MANAGEMENT			
I hereby certify that the following correspondence: <div>Appln Trans (1); Fee Trans (1); Appln Data Sheet (2); 2 Cert Copies; Spec w/Cover Sheet (20); Frml Drwgs, FIGS. 1-4, 4a, 5-6 (3); Prelim Amend (3); Copies of Three POAs (3); Copy of Statement Re Lack of Sig (3); IDS (2); Form PTO/SB/08A (1, in dupl); 3 Refs Cited; Copy of ISR (5); Check #961268; Rcpt Pstcrd</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <div>28 July 2003 <i>(Date)</i></div> <div>Kim Anderson <i>(Typed or Printed Name of Person Mailing Correspondence)</i>  <i>(Signature of Person Mailing Correspondence)</i></div> <div>EV 324256661 US <i>("Express Mail" Mailing Label Number)</i></div>			
Note: Each paper must have its own certificate of mailing.			